

Title (en)
THERMOSET RESIN FIBRES

Title (de)
DUROMERE FASERN

Title (fr)
FIBRES DE RÉSINE THERMODURCIE

Publication
EP 2185755 B1 20161130 (EN)

Application
EP 08775919 A 20080710

Priority
• GB 2008002378 W 20080710
• GB 0714224 A 20070720

Abstract (en)
[origin: GB2451136A] The invention relates to composite materials comprising curable thermoset resin fibre components (10) and reinforcing fibres (14). The thermoset resin fibre components (10) may comprise a single fibre or a plurality of fibres commingled together. The properties and characteristics of the thermoset resin are chosen according to the materials to be produced therefrom. The thermoset fibre components (10) may be woven into reinforcement fibres (14) to form prepreps. Non-reinforcing thermoplastic fibres may be commingled and co-woven with the thermoset fibre components, as may a curing agent fibre.

IPC 8 full level
D01F 6/74 (2006.01); **C08J 5/04** (2006.01); **D01F 6/76** (2006.01)

CPC (source: EP GB US)
B29C 70/08 (2013.01 - GB); **B29C 70/465** (2013.01 - EP US); **B29C 70/506** (2013.01 - EP US); **C08J 5/046** (2013.01 - EP US); **D01F 6/74** (2013.01 - EP US); **D01F 6/76** (2013.01 - EP US); **D02G 3/04** (2013.01 - GB); **D02G 3/047** (2013.01 - GB); **Y10T 428/249924** (2015.04 - EP US); **Y10T 428/249938** (2015.04 - EP US); **Y10T 428/2913** (2015.01 - EP US); **Y10T 428/2922** (2015.01 - EP US); **Y10T 428/2924** (2015.01 - EP US); **Y10T 428/2929** (2015.01 - EP US); **Y10T 428/2931** (2015.01 - EP US); **Y10T 428/2936** (2015.01 - EP US); **Y10T 428/298** (2015.01 - EP US); **Y10T 442/30** (2015.04 - EP US); **Y10T 442/313** (2015.04 - EP US); **Y10T 442/3138** (2015.04 - EP US); **Y10T 442/3472** (2015.04 - EP US); **Y10T 442/668** (2015.04 - EP US); **Y10T 442/669** (2015.04 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
GB 0714224 D0 20070829; **GB 2451136 A 20090121**; **GB 2451136 B 20121128**; CA 2693240 A1 20090129; CA 2693240 C 20150526; CN 101784703 A 20100721; CN 101784703 B 20140611; CN 102977387 A 20130320; CN 102977387 B 20170315; EP 2185755 A2 20100519; EP 2185755 B1 20161130; EP 3199674 A1 20170802; EP 3199674 B1 20180919; JP 2010534149 A 20101104; JP 2014100914 A 20140605; JP 5702141 B2 20150415; JP 6041793 B2 20161214; US 2010203787 A1 20100812; US 2012128976 A1 20120524; US 8084126 B2 20111227; US 8883305 B2 20141111; WO 2009013458 A2 20090129; WO 2009013458 A3 20090903

DOCDB simple family (application)
GB 0714224 A 20070720; CA 2693240 A 20080710; CN 200880104340 A 20080710; CN 201210459246 A 20080710; EP 08775919 A 20080710; EP 16201135 A 20080710; GB 2008002378 W 20080710; JP 2010517476 A 20080710; JP 2013251522 A 20131204; US 201113297629 A 20111116; US 66911508 A 20080710